

## IEEE/ASME AIM 2018 Invited Session

### Sensing and Robotics for Coverage Optimization (Session Code: 9mc7u)

Proposers and Organizers:

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Area or field coverage is an interesting yet challenging topic in autonomous vehicular technology for various purposes. The difficulties lie in the fact that any solution to this problem would involve space distribution which essentially poses as an infinite dimensional problem. This invited session will be devoted to present the most recent progress in the sensing and robotics aspects applicable for the area/field coverage and is intended to provide an update of the state-of-the-art theoretic and technical development.

Topics of Interests:

1. Networked robotics
2. Field sensors and sensor network
3. Coverage modeling and optimization
4. Information fusion in robotic and sensing network

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